

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

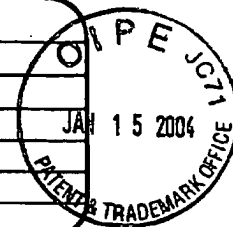
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/628,768
Filing Date	July 28, 2003
First Named Inventor	Raymond F. Ryan
Group Art Unit	1724
Examiner Name	PHM
Attorney Docket Number	5011-017



U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Signature]		4,249,463		Hornby	02-10-1981	
		3,944,405		van Calsteren et al.	03-16-1976	
		3,729,905		Diocanni	05-01-1973	
		3,363,539		Taylor et al.	01-16-1968	
		6,010,400		Krainiak et al.	01-04-2000	
		6,368,206		Hunter et al.	04-09-2002	
		6,036,737		Smith et al.	03-14-2000	
		5,380,244		Tipton	01-10-1995	
		5,295,902		Hock	03-22-1994	
		4,832,717		Peters	05-23-1989	
		4,637,301		Shields	01-20-1987	
		4,100,847		Norton	07-18-1978	
		4,098,174		Landy	07-04-1978	
		3,895,570		Eagleson, Jr.	07-22-1975	
		3,811,250		Fowler, Jr.	05-21-1974	
		3,926,597		Landy	12-16-1975	
[Signature]		5,665,128		Peters et al.	09-09-1997	
		4,548,627		Landy	10-22-1985	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature

[Signature]

Date Considered

07/16/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.